

No. R-11014/8/2018-Pen Riv Section  
Government of India  
Ministry of Water Resources  
River Development and Ganga Rejuvenation  
(Peninsular Rivers Wing)

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Room No. 242-B  
Krishi Bhawan, New Delhi  
Dated: - 09<sup>th</sup> August, 2018

**Subject:- Minutes of meeting dated 27.07.2018 in the office of Addl. Secretary to discuss the pending proposals of DRIP- req.**

A meeting was held on 27.07.2018 in the chamber of Additional Secretary (WR, RD&GR) to discuss the pending proposals of DRIP. A copy of approved minutes of the said meeting is enclosed for information and necessary action.

Encl. as above



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To

- 1) JS&FA(WR,RD&GR), Shram Shakti Bhawan, New Delhi
- 2) Project Director(DRIP), Central Water Commission, 3<sup>rd</sup> Floor, New Library Building, Near Sewa Bhawan, R.K. Puram, New Delhi-110606

**Copy for Information:-**

- 1) PS to Secretary( WR,RD&GR), Shram Shakti Bhawan, New Delhi
- 2) PS to Additional Secretary (WR,RD&GR), Shram Shakti Bhawan, New Delhi

**Draft Minutes of Meeting held on July 27, 2018 in the Office of Addl Secretary,  
MoWR,RD&GR to discuss the pending proposal of DRIP**

**Proposal-1: Procurement of design and analysis software's (Roc Science Softwares) under DRIP to be used across different design directorates under D&R wing of CWC including training cost (Cost: Rs. 0.60 Crore+taxes)**

The Project Director informed that this item is a design software which is a proprietary item of RocScience Canada. The proposal was submitted by CPMU in last December 2016, after lot of clarifications, the final sanctioned order was issued by Ministry on March 29, 2018 with a condition that procurement shall be done through GeM portal. On the same day, it was brought on the notice of JS&FA, Director (Fin), JS (RD&PP) as well as SJC (PR) that it is not listed on GeM portal and supplier is not interested to register on the GeM portal also. IFD advised to resubmit the proposal for relaxation of this condition.

Proposal was submitted on April 6, 2018 for revision of sanction order citing all these reasons. Ministry sought some clarifications vide letter dated June 21, 2018 which was clarified by CPMU vide letter July 13, 2018. The proposal includes 5 days training provision for CWC officials to be given in CWC HQ by the supplier. JS&FA also enquired about the updation of these softwares by the supplier. Project Director (PD), DRIP explained that updation cost is high and supplier advised that the company generally bring updated version in period of 5 to 6 years, and this present version has been launched by company in March 2018. Therefore it is not worth paying huge amount to the company at this stage, rather it would be better to procure the updated version after 5 to 6 years which have also been suggested by company.

JS&FA desired to know why only this group of softwares are required, why not other equivalent softwares that are available in the market. It was clarified by PD, DRIP that this group of softwares are being used for very advanced modelling of dams, tunnels, power stations and globally these are being used by very apex organisations of the World. Therefore, CWC designers need these to enhance their capability at par with global institutions. These are very essential for CWC, and have been recommended by Group of Designers of CWC working in associated field.

JS&FA desired that proposal may be resubmitted citing all these reasons and IFD may consider it.

**Proposal-2: Anna University, Capacity building of academic institutions under DRIP**

PD DRIP informed that this is the case of balance amount of Rs. 37 lakh to be released to Anna University as a part of first installment which was not released due to inadequate budget availability in the relevant DRIP head on 31 March 2018. The proposal was submitted by CPMU to Ministry on April 6, 2018. Ministry sought some clarifications vide letter June 12, 2018 which were clarified by CPMU July 16, 2018.

JS&FA said there is no issue in this proposal, may be submitted for IFD concurrence.



**Proposal-3: Comprehensive Dam Safety Risk Assessment Study of Four DRIP Dams by M/s Alpiq (Cost: CHF 2556995 equivalent to INR 17.4 Crore+Taxes)**

PD, DRIP informed that this proposal is related to Comprehensive Risk Assessment of four DRIP dams, training of 40 officials of IAs, preparation of Manual, sharing of 3 nos of software licenses for risk assessment, as well as conducting of 2 nos of workshop in India by M/s Alpiq SA Switzerland.

PD, DRIP stated that risk informed based decision making is contemporary approach especially in the dam safety management and very few global institutions especially dam owners are practicing this scientific approach in the World. It deals with Potential Failure Mode Analysis of dams, prioritisation, identifying consequences, communicate these consequences to the stakeholders and recommend the sequence of addressing these failure mode in order to ensure safety of structure, people living on downstream, property and environment. This is the most contemporary approach globally and not even a single dam has been evaluated through Comprehensive Risk Assessment approach in India, so none of the institutions across Country is having capacity to initiate this activity.

Under DRIP it is one of the identified activity and listed in Project Appraisal Document at Para 92 and Para 93 of Project Appraisal Document ( PAD, DRIP, June 2010, Page 26, Annex 1: Country and Sector or Program Background) states that Dams should be systematically analysed using widely accepted international methods for Dam Portfolio Risk Assessment. Implementation of such a Comprehensive Risk Assessment Program will better guide the needed dam safety assurance program.

Also, proposed Dam Safety Bill 2018, Clause 34(2), it is one of the mandatory requirement for conducting Risk Assessment of all large dams in India within a five years' time.

Keeping in view, highly specialised knowledge oriented activity, also with an objective to engage one of the leading global agency which must be the dam owners and practising this activity for their dams so as to have real experience, knowlegde and technology transfer, CPMU made this proposal. This was one of the Agenda Item in the 5<sup>th</sup> NLSC meeting chaired by Secretary (WR,RD&GR) held on 12.01.2017, reference at Para.11 of MoM this meeting, and it was informed to NLSC members that CWC has invited proposals from two leading global agencies i.e. USBR and Alpiq SA. Secretary (WR,RD&GR) and Chairman of Committee directed CWC to expedite early submission of these proposals.

During 6<sup>th</sup> NLSC Meeting, it was one of the Agenda of the meeting held on 16.10.2018. Reference is invited to Para No.8 of MoM of this meeting, wherein progress of this item was appraised in detail to all Committee members which include the reason of USBR USA expressing inability to take up this activity, submission of proposal by Alpiq SA and its submission to World Bank for NoL. After detailed discussion, the Committee agreed for this study and directed CWC to submit the



proposal for approval of the Ministry at the earliest.

In the meantime, proposal was submitted to Ministry vide letter dated December 5, 2017. IFD commented for option of global tendering for this consultancy vide letter dated January 8, 2018. It was explained by CPMU vide letter dated January 31, 2018 that global tendering is not feasible keeping in view the specialised knowledge driven output.

This proposal of Alpiq SA was also the one of the Agenda Point of 7<sup>th</sup> NLSC Meeting held on 22.02.2018 wherein detailed discussion was done by Committee members and Secretary (WR,RD&GR) and Chairman of Committee desired that proposal may be expedited by Ministry and Hon'ble Minister may be appraised who is the competent authority.

Also a meeting was taken by Hon'ble Minister on 13.03.2018 to discuss this Risk proposal submitted by Alpiq SA. It was directed that Ministry may examine the utility of this proposal .

In pursuance of follow up of above meeting, Secretary (WR,RD&GR) also held a meeting on March 28, 2018 attended by Chairman and Member CWC, JS&FA alongwith Project Director, JSPP and his team could not attend this meeting due to urgent Cauvery water dispute in Hon'ble SC. After detailed deliberation, it was decided to request other leading 3-4 global institutions for taking up this consultancy. CPMU accordingly requested BC Hydro, Canada, USACE USA and Entura Hydro Tasmania Australia to confirm their willingness for this task. All the three agencies conveyed their inability to take up this assignment due to one or other reason.

CPMU vide its letter dated June 4, 2018 appraised the Ministry about this whole issue, and requested the Ministry to approve the submitted proposal. Ministry vide letter dated 6<sup>th</sup> July 2018, sought some clarifications and CPMU submitted the response to Ministry vide dated 16.07.2018.

Also, a meeting was held in PMO on July 16, 2018 wherein it was conveyed that Risk Assessment of all large dams is the top priority of Government and Ministry may submit a time bound action plan to complete the first level risk assessment of all large dams of India. The issue was appraised to Secretary(WR,RD&GR) vide Note was put up by JS(RD&PP) dated July 16, 2018 and Note was sent to CWC for necessary action.

US IFD was of the view that CPMU should explore the cost competitiveness of this consultancy services through global tendering. PD, DRIP clarified keeping in view the schedule closure of DRIP in June 2020, as well as duration of proposed consultancy is also two years, this suggestion of global tendering was never advised during any of the NLSC Meetings, hence it would be not be possible at this stage to explore this possibility.

AS (WR,RD&GR) stated that the entire proposal should be examined taking into account of the limited expertise available on this subject and also the importance of the matter.

JS&FA advised recording of views expressed by everybody in this meeting, and



may be submitted to IFD along with proposal for IFD to give its views. It was stated that Addl Secretary and Secretary may take the final call.

**Proposal-4: Documentary Films on DRIP Activities through CBIP (Value: 0.18 Cr + Taxes)**

PD, DRIP informed that this is a production of two documentaries through CBIP on DAVP rates for DRIP activities. JS&FA was of the view that CPMU may invite proposals from DAVP empaneled agencies for this item, for competitiveness.

**Proposal-5: Three nos of Two weeks training on dam safety portfolio management and risk assessment to be conducted by Entura, hydro Tasmania at IIT Chennai, IIT Roorkee and IISC Bengaluru (Value: Rs. 1.8 lakh)**

PD, DRIP informed that this proposal was submitted to ministry vide letter dated 22nd March 2018. Certain clarification was sought by ministry on 04<sup>th</sup> May 2018 and the clarification regarding the same was submitted on 11<sup>th</sup> May 2018. Ministry requested certain clarifications vide dated 29<sup>th</sup> June 2018 and CWC clarified vide letter dated 18<sup>th</sup> July 2018. PD, DRIP informed that proposal is similar to that of last year which was approved by Ministry and training was conducted in October 2017 in NWA Pune by Entura.

It was clarified by PD, DRIP that based on feed back of last training conducted in Pune 2017, it was decided by Ministry that three more such training courses may be conducted by Entura to cover more DRIP officials at various regional centre of partner academic institutions.

US IFD enquired about lum sum provision of Rs 7.0 lakh for meeting the actual expenditures in respect of faculty accommodation, transport, food and other miscellaneous items etc. It was also explained that cost would be shared by all IAs on proportionate basis as was done during last training.

JS&FA was of the view that each training course is costing about Rs 60.0 lakh which is too expensive. He enquired whether any negotiation is possible with Entura., PD, DRIP informed that Entura is also one of government agency, may not negotiate on this issue as was done during last year proposal.

**Proposal-6: Disbursement of Payment to DVC ( Value: 2.23 cr)**

PD DRIP informed that two proposals of DVC amounting to Rs 2.23 Cr have been submitted to Ministry by CPMU for payment. Ministry has sanctioned a part payment of Rs. 38.33 lakh which is not understood. JS&FA desired that SMD may submit the pending proposal for further approval.

